WO 2005/000346 PCT/US2004/020026

## What is claimed is:

1. A method of increasing the iinmunogenicity of a carbohydrate antigen, comprising

conjugating the antigen to tetanus toxin Fragment C to yield a conjugated vaccine, wherein upon administration of the conjugated vaccine to a patient the Fragment C increases the potency of the antigen.

- 2. The method according to claim 1, wherein the antigen is a capsular polysaccharide from a bacterium.
- 3. The method according to claim 2, wherein the bacterium is selected from the group consisting of Meningococcus group A, B, C, Y, W135 and X; Streptococcus group A, B, and C; Pneumococcus types 1,2, 3,4, 6A, 6B, 9, 14, 18F, 19F and 23; Staphylococcus aureus types 5 and 8 and Haemophilus influenzae type b.
- 4. The method according to claim 1, wherein the antigen is a capsular polysaccharide from a fungus.
- 5. The method according to claim 4, wherein the fungus is selected from the group consisting Candida albicans and Cryptococcus neoformans.
- 6. A method of immunizing a patient against an infection, comprising administering to the patient an effective dose of a vaccine comprising an antigen that has been conjugated to Fragment C.
- 7. The method according to claim 6, wherein the antigen is a capsular polysaccharide from a bacterium.

WO 2005/000346 PCT/US2004/020026

- 8. The method according to claim 7, wherein the bacterium is selected from the group consisting of Meningococcus group A, B, C, Y, W135 and X; Streptococcus group A, B, and C; Pneumococcus types 1,2, 3, 4, 6A, 6B, 9, 14, 18F, 19F and 23; Staphylococcus aureus types 5 and 8 and Haemophilus influenzae type b.
- 9. The method according to claim 6, wherein the antigen is a capsular polysaccharide from a fungus.
- 10. The method according to claim 9, wherein the fungus is selected from the group consisting Candida albicans and Cryptococcus neoformans.
- 11. A conjugated vaccine comprising an antigen that has been conjugated to Fragment C.
- 12. The conjugated vaccine according to claim 11, wherein the antigen is a capsular polysaccharide from a bacterium.
- 13. The conjugated vaccine according to claim 12, wherein the bacterium is selected from the group consisting of Meningococcus group A, B, C, Y, W135 and X; Streptococcus group A, B, and C; Pneumococcus types 1,2, 3,4, 6A, 6B, 9, 14, 18F, 19F and 23; Staphylococcus aureus types 5 and 8 and Haemophilus influenzae type b.
- 14. The conjugated vaccine according to claim 11, wherein the antigen is a capsular polysaccharide from a fungus.
- 15. The method according to claim 14, wherein the fungus is selected from the group consisting Candida albicans and Cryptococcus neoformans.